



## GODDARD SCHOOL GOES GREEN WITH SOLAR

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*By KDVR Staff • Wednesday, October 27th, 3:55 pm*

**HIGHLANDS RANCH (FOX 31)** - The Goddard School® in Highlands Ranch, opening for students next Monday, is installing a photovoltaic solar array that will employ a mounting system never before used in the United States.

Denver Solar and Wind, a local solar design and installation company, has designed a system for the school that will cover almost 95% of the roof surface. Denver Solar and Wind will be using the German Scirroco solar mounting system, which is revolutionary in that it does not penetrate the roof surface at all and lowers the additional weight of the solar array by up to 70% of competing mounting systems. The Scirroco system allows for an aerodynamic vacuum seal of the panels against the roof which lowers the pounds-per-square feet from around ten to, an incredible, two pounds-per-square foot. The owners and designers of the Scirroco system have flown from Germany to help with the installation. Covering so much of a roof's surface had previously been either impractical or impossible in this area but the 178 solar panels will allow the school to zero their energy usage.

The installation will also feature 178 Enphase Energy micro-inverters, which maximize the panel's efficiency and allow for around-the-clock monitoring on their website.

Installation is set to begin November 1 and is scheduled to last five days.

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